

DOCKET NO. A5GN2342US

EXPRESS MAIL LABEL NO. EV229157230US
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: John Kevin Behel, Frank Murden, Michael Elliott, Joseph Michael Hensley

Title: DIGITALLY-CONTROLLED, VARIABLE-GAIN MIXER AND AMPLIFIER
STRUCTURES

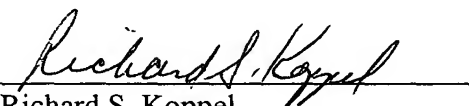
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 23313-1450

TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is an Information Disclosure Statement for the above application. We authorize the Commissioner to charge payment of any additional fees required in connection with this application to Deposit Account No. 11-1580. We enclose a copy of this sheet.

Respectfully submitted,


Richard S. Koppel
Registration No. 26,475
Attorney for Applicant

September 16, 2003

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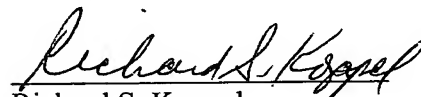
INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is PTO Form 1449 for this application. The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Respectfully submitted,



Richard S. Koppel
Registration No. 26,475
Attorney for Applicant

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SR1VAD1A5GN2342US IDS

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) A5GN2342US		Application Number Applicant Behel, John Kevin, et al.	
				Filing Date		Group Art Unit	

U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
	5 0 7 7 5 4 1	12/31/91	Gilbert	339	284				
	5 5 8 9 7 9 1	12/31/96	Gilbert	327	359				
	5 8 5 9 5 5 9	1/12/99	Hong, et al.	327	359				
	5 9 3 3 7 7 1	8/3/99	Tiller, et al.	455	333				
	5 9 7 7 8 2 8	11/2/99	Hu, et al.	330	254				
	6 2 1 2 3 6 9	4/3/01	Avasarala	455	333				
	6 2 7 1 7 2 6	12/7/01	Fransis, et al.	330	254				

FOREIGN PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
						YES	NO		

OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	TITLE	CLASS	SUBCLASS	PAGES			

EXAMINER	DATE CONSIDERED
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